

**Before the  
Federal Communications Commission  
Washington, D.C. 20554**

|  |   |                      |
|--|---|----------------------|
| In the Matter of                           | ) |                      |
|  | ) | DA 11-131            |
|  | ) |                      |
| Unlicensed Operation in the TV Broadcast   | ) |                      |
| Bands                                      | ) |                      |
|  | ) | ET Docket No. 04-186 |
| Additional Spectrum for Unlicensed Devices | ) |                      |
| Below 900 MHz and in the 3 GHz Band        | ) | ET Docket No. 02-380 |
|  | ) |                      |

**REPORT OF THE WHITE SPACE DATABASE ADMINISTRATOR GROUP**

The White Space Database Administrator Group (“WS DBA Group”), consisting of eight FCC conditionally designated Database Administrators<sup>1</sup>, would like to present the FCC with an update on the technical work that it presented in the FCC workshops earlier this year.<sup>2</sup>

The WS DBA Group was formed with the following goals in mind: 1) to establish and maintain a database interoperability specification, 2) to support development of a device to database API specification, and 3) to address technical and operational issues as they arise that affect the operation of database administrators and work with the FCC at achieve resolution.

The WS DBA Group would like to thank the FCC for the series of Public Workshops that it held in March, April, and May.<sup>3</sup> The open and constructive dialogue with the FCC’s Office of Engineering and Technology (OET) staff as well as incumbents, was extremely beneficial in shaping the overall direction and technical details of the WS DBA Group’s work.

As the WS DBA Group presented in the first FCC Public Workshop in March, the companies have been working together for several months to address data synchronization and channel calculation consistency. A primary goal has been to ensure protection of incumbent operations in the TV bands: Full Power and Low Power TV stations, TV transmitters, Land

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<sup>1</sup> See Order ET Docket No. 04-186 (DA 11-131) 26 FCC Rcd 554 (2011) (*Order*); and *Office of Engineering and Technology Invites Proposals from Entities Seeking to be Designated TV Band Device Database Managers*, ET Docket No. 04-186 (DA 09-2479) (*Public Notice*) 23 FCC Rcd 16807 (2008); and *Second Report and Order and Memorandum Opinion and Order*, (Second MO&O) ET Docket No. 04-186, ET Docket No. 02-380, 23 FCC Rcd 16807 (2008). The eight members of the WS DBA Group include: Airity, Inc.; Comsearch; Frequency Finder, Inc. ; Google Inc.; LS Telcom AG; Neustar, Inc.; Spectrum Bridge, Inc.; and Telcordia Technologies, Inc.

<sup>2</sup> See, *Office of Engineering and Technology to Conduct Workshop for TV Bands Device Database Managers on March 10, 2011*, ET Docket No. 04-186, (DA 11-404), 26 FCC Rcd 2323 (2011). The WS DBA Group presented at all three workshops. The presentations can be found at:  
<http://transition.fcc.gov/oet/whitespace/WhiteSpaceDBAFCCPresentation-3-10-11.pdf>,  
<http://transition.fcc.gov/oet/whitespace/WhiteSpaceDBAFCCPresentation04-20-11.pdf>,  
[http://transition.fcc.gov/bureaus/oet/whitespace/TVWS\\_Workshop3/White\\_Space\\_DBA\\_DB\\_Interoperability\\_Slides\\_110525.pdf](http://transition.fcc.gov/bureaus/oet/whitespace/TVWS_Workshop3/White_Space_DBA_DB_Interoperability_Slides_110525.pdf), and  
[http://transition.fcc.gov/bureaus/oet/whitespace/TVWS\\_Workshop3/White\\_Space\\_DBA\\_Contour\\_Calculation\\_Slides\\_110525.pdf](http://transition.fcc.gov/bureaus/oet/whitespace/TVWS_Workshop3/White_Space_DBA_Contour_Calculation_Slides_110525.pdf).

<sup>3</sup> *ibid*

Mobile and Commercial Radio Services, wireless microphones, etc.<sup>4</sup> Accordingly, the WS DBA Group have signed a common agreement for how we will work together to support the rules related to sharing and synchronizing data.

We are pleased to announce that we have achieved our near-term objectives and have completed both a Database Interoperability Specification and Channel Calculation Guideline document. We are submitting both documents as attachments to this filing. All eight WS DBA Group member companies have agreed to follow both documents, and we respectfully request that both documents be made public by the FCC via the [www.fcc.gov/oet/whitespace](http://www.fcc.gov/oet/whitespace) website.

The WS DBA Group is excited about reaching this milestone and we encourage the FCC to work with industry to expedite closure of the remaining issues around DBA operation so the industry can meet the FCC Chairman's goal of getting commercial TVWS operations as soon as possible. We look forward to continuing to work with the FCC to make this goal a reality.

Respectfully Submitted,

/s/ Neeraj Srivastava

Neeraj Srivastava  
Secretary  
White Space Database Administrator Group

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<sup>4</sup> See 47CFR§15.712

## **White Space Database Administrator Group**

Airity, Inc.

Comsearch

Frequency Finder, Inc. d/b/a RadioSoft

Google Inc.

LS Telcom AG

Neustar, Inc.

Spectrum Bridge, Inc.

Telcordia Technologies, Inc.

## **Attachments:**

Database-to-Database Synchronization Interoperability Specification 1.01

Channel Calculations for White Spaces Guidelines 1.0